

IN THE CLAIMS:

1. (Currently Amended) An inclined illuminator ~~type~~ binocular ~~medical~~ stereomicroscope for dental treatment comprising:

right and left observation optical systems, each having a plurality of lenses for observing an observation target; and

~~an~~ a single illumination optical system having an illumination unit for illuminating an object targeted for observation;

wherein the illumination unit has an optical axis arranged inside a circle, the circle having a diameter connecting the optical axes of the right and left observation optical systems in a plane including at least the lenses of the right and left observation optical systems positioned closest to the observation target.

2. (Currently Amended) The inclined illuminator ~~type medical~~ binocular stereomicroscope according to claim 1, wherein a magnification-changing form of the observation optical system is a zooming type for moving a portion of the lenses in a direction of the optical axis.

3. (Currently Amended) The inclined illuminator ~~type medical~~ binocular stereomicroscope according to claim 1, wherein the illumination unit has a light guide made of bundled optical fibers thereby to emit light from an external light source.